

CRF Errors Corrected by the STIC System Branch

Serial Number: 09/084,691CRF Processing Date: 6/4/98
Edited by: AC (STIC staff)
Verified by: AC (STIC staff)

OPE

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically: ENTERED

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: _____

Deleted extra, invalid, headings used by an applicant, specifically: _____

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically: _____

Corrected an obvious error in the response, specifically: _____

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically: _____

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other: converted PRev APP DATA heading

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/084,691DATE: 06/04/98
TIME: 14:57:29

INPUT SET: S26411.raw

47
 48 (i) (**) TELECOMMUNICATION INFORMATION:
 49 (A) TELEPHONE: (212) 758-4800
 50 (B) TELEFAX: (212) 751-6849
 51 (C) TELEX: 421792
 52

53 (2) INFORMATION FOR SEQ ID NO:1:

54
 55 (i) SEQUENCE CHARACTERISTICS:
 56 (A) LENGTH: 576 base pairs
 57 (B) TYPE: nucleic acid
 58 (C) STRANDEDNESS: single
 59 (D) TOPOLOGY: linear
 60

61 (vi) ORIGINAL SOURCE:
 62 (A) ORGANISM: homosapiens
 63 (C) INDIVIDUAL ISOLATE: DK7
 64

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

67 TAC CAA GTG CGC AAC TCC ACG GGG CTT TAC CAT GTC ACC	39
68 AAT GAT TGC CCT AAC TCG AGT ATC GTG TAC GAG GCG GCC	78
69 GAT GCC ATC CTG CAC ACT CCG GGG TGT GTC CCT TGC GTT	117
70 CGC GAG GGT AAC GTC TCG AGG TGT TGG GTG GCG ATG ACC	156
71 CCC ACG GTG GCC ACC AGG GAT GGC AAA CTC CCC ACA GCG	195
72 CAG CTT CGA CGT CAC ATC GAT CTG CTC GTC GGG AGT GCC	234
73 ACC CTC TGT TCG GCC CTC TAC GTG GGG GAC CTG TGC GGG	273
74 TCT GTC TTT CTT GTC GGT CAA CTG TTT ACC TTC TCT CCC	312
75 AGG CGC CAC TGG ACG ACG CAA GGC TGC AAT TGT TCT ATC	351
76 TAT CCT GGC CAT ATA ACG GGT CAC CGC ATG GCG TGG GAT	390
77 ATG ATG ATG AAC TGG TCC CCT ACC ACG GCG TTG GTA GTA	429
78 GCT CAG CTG CTC CGG ATC CCG CAA GCC ATC TTG GAC ATG	468
79 ATC GCT GGT GCT CAC TGG GGA GTC CTG GCG GGC ATA GCG	507
80 TAT TTT TCC ATG GTG GGG AAC TGG GCG AAG GTC CTG GTA	546
81 GTG CTG CTG CTA TTT GCC GGC GTC GAC GCG	576

82

83

84 (2) INFORMATION FOR SEQ ID NO:2:

85
 86 (i) SEQUENCE CHARACTERISTICS:
 87 (A) LENGTH: 576 base pairs
 88 (B) TYPE: nucleic acid
 89 (C) STRANDEDNESS: single
 90 (D) TOPOLOGY: linear
 91

92 (vi) ORIGINAL SOURCE:
 93 (A) ORGANISM: homosapiens
 94 (C) INDIVIDUAL ISOLATE: DK9
 95

96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

98 TAC CAA GTA CGC AAC TCC TCG GGC CTC TAC CAT GTC ACC	39
99 AAT GAT TGC CCT AAC TCG AGT ATT GTG TAC GAG GCG GCC	78

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/084,691

INPUT SET: S26411.raw

100	GAT	GCC	ATC	CTG	CAT	TCT	CCA	GGG	TGT	GTC	CCT	TGC	GTT	117
101	CGC	GAG	GGT	AAC	GCC	TCG	AAA	TGT	TGG	GTG	GCG	GTG	GCC	156
102	CCC	ACG	GTG	GCC	ACC	AGG	GAC	GGC	AAG	CTC	CCC	GCA	ACG	195
103	CAG	CTT	CGA	CGT	CAC	ATC	GAT	CTG	CTT	GTC	GGG	AGC	GCC	234
104	ACC	CTC	TGC	TCG	GCC	CTC	TAT	GTG	GGG	GAC	TTG	TGC	GGG	273
105	TCT	GTC	TTC	CTT	GTC	GGC	CAA	CTG	TTC	ACC	TTC	TCC	CCC	312
106	AGA	CGC	CAC	TGG	ACA	ACG	CAA	GAC	TGC	AAC	TGT	TCT	ATC	351
107	TAC	CCC	GGC	CAT	ATT	ACG	GGT	CAT	CGC	ATG	GCG	TGG	GAT	390
108	ATG	ATG	ATG	AAC	TGG	TCC	CCT	ACA	GCA	GCG	CTG	GTA	ATG	429
109	GCG	CAG	CTG	CTC	AGG	ATC	CCG	CAG	GCC	ATC	TTG	GAC	ATG	468
110	ATC	GCT	GGT	GCC	CAC	TGG	GGA	GTC	CTA	GCG	GGC	ATA	GCG	507
111	TAT	TTC	TCC	ATG	GTG	GGG	AAC	TGG	GCG	AAG	GTC	GTG	GTG	546
112	GTA	CTG	TTG	CTG	TTT	ACC	GGC	GTC	GAT	GCG				576

113

114

115 (2) INFORMATION FOR SEQ ID NO:3:

116

117

(i) SEQUENCE CHARACTERISTICS:

118

(A) LENGTH: 576 base pairs

119

(B) TYPE: nucleic acid

120

(C) STRANDEDNESS: single

121

(D) TOPOLOGY: linear

122

123

(vi) ORIGINAL SOURCE:

124

(A) ORGANISM: homosapiens

125

(C) INDIVIDUAL ISOLATE: DR1

126

127

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

128

129	CAC	CAA	GTG	CGC	AAC	TCT	ACA	GGG	CTT	TAC	CAT	GTC	ACC	39
130	AAT	GAT	TGC	CCT	AAT	TCG	AGT	ATT	GTG	TAC	GAG	GCG	GCC	78
131	GAT	GCC	ATC	CTG	CAC	GCG	CCG	GGG	TGT	GTC	CCT	TGC	GTT	117
132	CGC	GAG	GGT	AAC	GCC	TCG	AGG	TGT	TGG	GTG	GCG	GTG	ACC	156
133	CCC	ACG	GTG	GCC	ACC	AGG	GAC	GGC	AAA	CTC	CCC	ACA	ACG	195
134	CAG	CTT	CGA	CGT	CAC	ATC	GAC	CTG	CTT	GTC	GGG	AGC	GCC	234
135	ACC	CTC	TGC	TCG	GCC	CTC	TAC	GTG	GGG	GAC	CTG	TGC	GGG	273
136	TCT	GTC	TTC	CTT	GTC	GGT	CAA	CTG	TTC	ACC	TTT	TCT	CCC	312
137	AGG	CGC	CAC	TGG	ACA	ACG	CAA	GAC	TGC	AAT	TGT	TCT	ATC	351
138	TAT	CCC	GGC	CAT	ATA	ACG	GGA	CAC	CGT	ATG	GCA	TGG	GAT	390
139	ATG	ATG	ATG	AAC	TGG	TCC	CCT	ACG	ACA	GCG	CTG	GTA	ATG	429
140	GCT	CAG	CTG	CTC	CGG	ATC	CCA	CAA	GCC	ATC	TTG	GAC	ATG	468
141	ATC	GCT	GGG	GCC	CAC	TGG	GGA	GTC	CTA	GCG	GGC	ATA	GCG	507
142	TAT	TTC	TCC	ATG	GTG	GGG	AAC	TGG	GCG	AAG	GTC	GTG	GTA	546
143	GTG	CTG	TTG	CTG	TTT	GCC	GGC	GTC	GAT	GCG				576

144

145

146 (2) INFORMATION FOR SEQ ID NO:4:

147

148

(i) SEQUENCE CHARACTERISTICS:

149

(A) LENGTH: 576 base pairs

150

(B) TYPE: nucleic acid

151

(C) STRANDEDNESS: single

152

(D) TOPOLOGY: linear

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/084,691

INPUT SET: S26411.raw

153
 154 (vi) ORIGINAL SOURCE:
 155 (A) ORGANISM: homosapiens
 156 (C) INDIVIDUAL ISOLATE: DR4
 157
 158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
 159
 160 CAC CAA GTG CGC AAC TCT ACA GGG CTT TAC CAT GTC ACC 39
 161 AAT GAT TGC CCT AAC TCG AGT ATT GTG TAC GAG GCG GCC 78
 162 GAT GCC ATC CTG CAC ACG CCG GGG TGT GTC CCT TGC GTT 117
 163 CGC GAG GGT AAC ACC TCG AGG TGT TGG GTG GCG GTG ACC 156
 164 CCC ACG GTG GCC ACC AGG GAC GGC AAA CTC CCC ACA ACG 195
 165 CAG CTC CGA CGT CAC ATC GAC CTG CTT GTC GGG AGC GCC 234
 166 ACC CTC TGC TCG GCC CTC TAC GTG GGG GAC TTG TGC GGG 273
 167 TCT GTC TTC CTT GTC GGT CAA CTG TTC ACC TTC TCT CCC 312
 168 AGG CAC CAC TGG ACA ACG CAA GAC TGC AAT TGT TCC ATC 351
 169 TAT CCC GGC CAT ATA ACG GGC CAC CGC ATG GCG TGG GAT 390
 170 ATG ATG ATG AAC TGG TCC CCT ACG ACA GCG CTG GTA GTA 429
 171 GCT CAG CTG CTC CGG ATC CCA CAA GCC ATC TTG GAC ATG 468
 172 ATC GCT GGT GCC CAC TGG GGA GTC CTA GCG GGC ATA GCG 507
 173 TAT TTC TCC ATG GTG GGG AAC TGG GCG AAG GTC CTG GTA 546
 174 GTG CTG TTG CTG TTT GCC GGC GTT GAT GCG 576
 175
 176
 177 (2) INFORMATION FOR SEQ ID NO:5:
 178
 179 (i) SEQUENCE CHARACTERISTICS:
 180 (A) LENGTH: 576 base pairs
 181 (B) TYPE: nucleic acid
 182 (C) STRANDEDNESS: single
 183 (D) TOPOLOGY: linear
 184
 185 (vi) ORIGINAL SOURCE:
 186 (A) ORGANISM: homosapiens
 187 (C) INDIVIDUAL ISOLATE: S14
 188
 189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
 190
 191 TAC CAA GTG CGC AAC TCC ACG GGG CTT TAC CAT GTT ACC 39
 192 AAT GAT TGC CCT AAC TCG AGT ATT GTG TAC GAG ACA GCT 78
 193 GAT GCT ATC CTA CAC GCT CCG GGA TGT GTC CCT TGC GTT 117
 194 CGT GAG GGT AAC ACC TCG AGG TGT TGG GTG GCG ATG ACC 156
 195 CCC ACG GTG GCC ACC AGG GAC GGC AAA CTC CCC GCA ACG 195
 196 CAG CTT CGA CGT TAC ATC GAT CTG CTT GTC GGG AGC GCC 234
 197 ACC CTC TGT TCG GCC CTC TAC GTG GGG GAC TTG TGC GGG 273
 198 TCT GTC TTT CTT GTC GGT CAG CTG TTT ACC TTC TCT CCC 312
 199 AGG CGC CTC TGG ACG ACG CAA GAC TGC AAT TGT TCT ATC 351
 200 TAT CCC GGC CAT ATA ACG GGT CAT CGC ATG GCA TGG GAT 390
 201 ATG ATG ATG AAC TGG TCC CCT ACG ACG GCA CTG GTA GTA 429
 202 GCT CAG CTG CTC CGG ATC CCA CAA GCC ATC TTG GAT ATG 468
 203 ATC GCT GGT GCT CAC TGG GGA GTC CTA GCG GGC ATA GCG 507
 204 TAT TTC TCC ATG GTG GGA AAC TGG GCG AAG GTC CTA GTG 546
 205 GTG CTG CTG CTA TTC GCC GGC GTT GAC GCG 576

INPUT SET: S26411.raw

206

207

208 (2) INFORMATION FOR SEQ ID NO:6:

209

210 (i) SEQUENCE CHARACTERISTICS:

211 (A) LENGTH: 576 base pairs
212 (B) TYPE: nucleic acid
213 (C) STRANDEDNESS: single
214 (D) TOPOLOGY: linear

215

216 (vi) ORIGINAL SOURCE:

217 (A) ORGANISM: homosapiens
218 (C) INDIVIDUAL ISOLATE: S18

219

220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

221

222 TAC CAA GTA CGC AAC TCC ACG GGC CTT TAC CAT GTC ACC	39
223 AAT GAC TGC CCT AAC TCG AGC ATT GTG TAC GAG ACG GCC	78
224 GAT ACC ATC CTA CAC TCT CCG GGG TGT GTC CCT TGC GTT	117
225 CGC GAG GGT AAC GCC TCG AGA TGT TGG GTG CCG GTG GCC	156
226 CCC ACA GTT GCC ACC AGG GAC GGC AAA CTC CCC GCA ACG	195
227 CAG CTT CGA CGT CAC ATC GAT CTG CTT GTT GGG AGC GCC	234
228 ACC CTC TGC TCG GCC CTC TAT GTG GGG GAC CTG TGC GGG	273
229 TCT GTC TTT CTT GTC AGC CAG CTG TTC ACT ATC TCC CCC	312
230 AGG CGC CAC TGG ACA ACG CAA GAC TGC AAC TGT TCT ATC	351
231 TAC CCC GGC CAT ATA ACG GGT CAC CGT ATG GCA TGG GAT	390
232 ATG ATG ATG AAC TGG TCC CCT ACA ACG GCG TTG GTA ATA	429
233 GCT CAG CTG CTC AGG GTC CCG CAA GCC GTC TTG GAC ATG	468
234 ATC GCT GGT GCC CAC TGG GGA GTC CTA GCG GGC ATA GCG	507
235 TAT TTC TCC ATG GCG GGG AAC TGG GCG AAG GTC CTG CTA	546
236 GTG CTG TTG CTG TTT GCC GGC GTC GAT GCG	576

237

238

239 (2) INFORMATION FOR SEQ ID NO:7:

240

241 (i) SEQUENCE CHARACTERISTICS:

242 (A) LENGTH: 576 base pairs
243 (B) TYPE: nucleic acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear

246

247 (vi) ORIGINAL SOURCE:

248 (A) ORGANISM: homosapiens
249 (C) INDIVIDUAL ISOLATE: SW1

250

251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

252

253 TAC CAA GTA CGC AAC TCC TCG GGC CTT TAC CAT GTC ACC	39
254 AAT GAT TGC CCT AAC TCG AGT ATT GTG TAC GAG ACG GCC	78
255 GAT GCC ATT CTA CAC TCT CCA GGG TGT GTC CCT TGC GTT	117
256 CGC GAG GAT GGC GCC CCG AAG TGT TGG GTG GCG GTG GCC	156
257 CCC ACA GTC GCC ACT AGG GAC GGC AAA CTC CCT GCA ACG	195
258 CAG CTT CGA CGT CAC ATC GAT CTG CTT GTC GGA AGC GCC	234

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/084,691

DATE: 06/04/98
TIME: 14:57:34

INPUT SET: S26411.raw

Line	Error	Original Text
32	Wrong application Serial Number	(A) APPLICATION NUMBER: TO BE ASSIGNED
40	Wrong application Serial Number	(A) APPLICATION NUMBER: 08/086,428